

CECW-EH-Y

Engineer Manual
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Engineering and Design
HYDROLOGIC FREQUENCY ANALYSIS

1. Purpose. This manual provides guidance and procedures for frequency analysis of: flood flows, low flows, precipitation, water surface elevation, and flood damage.
2. Applicability. This manual applies to major subordinate commands, districts, and laboratories having responsibility for the design of civil works projects.
3. General. Frequency estimates of hydrologic, climatic and economic data are required for the planning, design and evaluation of flood control and navigation projects. The text illustrates many of the statistical techniques appropriate for hydrologic problems by example. The basic theory is usually not provided, but references are provided for those who wish to research the techniques in more detail.

FOR THE COMMANDER:



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